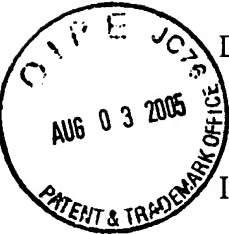


IFW



Docket No.: 051023-0024

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Noriki HAYASHI, et al.	:	Confirmation Number: 2869
Application No.: 10/517,058	:	Group Art Unit: 3729
Filed: December 03, 2004	:	Examiner: Not yet assigned
For: BOARD FOR PRINTED WIRING, PRINTED WIRING BOARD, AND METHOD FOR MANUFACTURING THEM		

SUBMISSION OF ENGLISH TRANSLATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

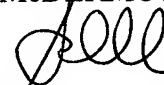
Dear Sir:

Submitted herewith please find a copy of the English Translation of the International Preliminary Examination Report issued for the basic PCT application of the above-referenced case.

Acknowledgement and consideration of this document is respectfully requested.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP


Stephen A. Becker
Registration No. 26,527

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Washington, DC 20005-3096
Phone: 202.756.8000 SAB:jgh
Facsimile: 202.756.8087
Date: August 3, 2005

**Please recognize our Customer No. 20277
as our correspondence address.**

From the INTERNATIONAL BUREAU

PCT

**NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

(PCT Rule 72.2)

To:

INAOKA, Kosaku
c/o Ai Association of Patent and Trademark Attorneys, Sun
Mullion NBF Tower, 21st Floor
6-12, Minamihommachi 2-chome, Chuo-ku
Osaka-shi, Osaka 541-0054
JAPON

Received

JAN. - 7. 2005

Ai Association of Patent
and Trademark Attorneys

Date of mailing (<i>day/month/year</i>) 29 December 2004 (29.12.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 5049-PCT	
International application No. PCT/JP2003/006906	International filing date (<i>day/month/year</i>) 02 June 2003 (02.06.2003)
Applicant SUMITOMO ELECTRIC INDUSTRIES, LTD. et al	

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

2. Transmittal of the copy of the translation to the elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

CN, EP

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

JP, US

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Yoshiko Kuwahara
Facsimile No.+41 22 740 14 35	Facsimile No.+41 22 338 90 90

Translation

PATENT COOPERATION TREATY

PCT/JP2003/006906



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 5049-PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/006906	International filing date (day/month/year) 02 June 2003 (02.06.2003)	Priority date (day/month/year) 04 June 2002 (04.06.2002)
International Patent Classification (IPC) or national classification and IPC H05K 3/12, 3/16		
Applicant SUMITOMO ELECTRIC INDUSTRIES, LTD.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet. <input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of <u>34</u> sheets.
3. This report contains indications relating to the following items: I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application

Date of submission of the demand 06 October 2003 (06.10.2003)	Date of completion of this report 02 July 2004 (02.07.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2003/006906

I. Basis of the report

1. With regard to the elements of the international application:*

- ☐ the international application as originally filed
- ☒ the description:
pages 2, 5, 16, 19, 25, 27-33, as originally filed
pages _____, filed with the demand
pages 1, 3, 4, 6, 7, 9-15, 17-18/2, 20-22, 24, 26, 26/1, 34-36, 39-44, filed with the letter of 19 March 2004 (19.03.2004)
- ☒ the claims:
pages _____, as originally filed
pages _____, as amended (together with any statement under Article 19
pages _____, filed with the demand
pages 1, 10, filed with the letter of 19 March 2004 (19.03.2004)
- ☐ the drawings:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☒ The amendments have resulted in the cancellation of:

- ☒ the description, pages 8, 23, 37, 38
- ☒ the claims, Nos. 2-9, 11, 12
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP03/06906

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	1, 10	YES
	Claims		NO
Inventive step (IS)	Claims	10	YES
	Claims	1	NO
Industrial applicability (IA)	Claims	1, 10	YES
	Claims		NO

2. Citations and explanations

Document 1: JP, 63-9995, A (Fujitsu General, Ltd.), 16 January, 1988 (16.01.88)

The subject matter of claim 1 does not appear to involve an inventive step in view of document 1. Document 1 describes that a printed circuit board is treated on the surface; and plasma treatment as a means of surface treatment is well known.

The subject matter of claim 10 is neither described in any of the documents cited in the ISR, nor obvious to a person skilled in the art.